Kolába and Ratnágiri.

104. The Kolába and Ratnágiri Districts were again made into two separate forest charges since the year closed.

105. Mr. Stewart, who only took over charge last July, reports that according to Mr. Greatheed's diaries reproduction from stools was favourable in some parts.

ARTIFICIAL REGENERATION.

Northern Division of Kánara.

106. The teak, casuarina and divi-divi plantations in the Division are reported to be doing well. 4,000 seedlings were put down in breaks caused by teak fellings in the Haliyál Táluka. Of these, 2,800 are succeeding and the rest died from drought.

107. Six acres of sandy dune land were added to the Argé casuarina plantation, and 7,000 plants were put out, of which 4,000 died. 185 seedlings were also put out to fill up blanks in the casuarina plantation at Kárwár.

108. The amount expended in the division under this head was Rs. 973.

Central Division of Kánara.

109. In the Sabgeri jungles of the Yellápur range about 20 acres were sown with teak seeds, the result being that about 300 seedlings germinated. Probably better results will be reported next year as teak seeds often take a long time to germinate. Wherever teak fellings were made, seeds were sown near the stools. Nurseries were also formed in the several places by sowing 19 maunds of seed, and 9,060 teak and 2,000 blackwood seedlings available for transplantation were raised therein. These are reported to be looking well and healthy.

110. In the Mundgod range 4 acres were formed into a teak plantation, and this is reported to be promising well. Out of 673 plants put out in the Hulihond plantation 614 survived. Besides these, of the 2,551 teak and 150 matti (*terminalia tomentosa*) plants put down in the range, 1,931 of the former and 122 of the latter survived.

111. In the Devarbail and Báleguli plantations of the Ankola range 2,155 young trees of several kinds were put out. Of these 1,820 are alive.

112. About 23 maunds of seed were sown and 8,960 seedlings germinated, and these are said to promise well. Nurseries were also kept up, wherein 4,816 plants of teak, harda and junglewood were available for transplantation.

113. In the Honnébail jungles 100 young trees were put out from the previous year's nursery, of which 70 are said to be still alive.

114. In the Kumta range 2,335 plants of teak, harda and junglewood were put out. Of these, 1,765 died. The Divisional Forest Officer says that although so many are reported to have died, yet a good many are expected to revive during the present rains. About 12 maunds of seed were sown in a nursery at Katgál and 20 maunds in other places.

115. The amount expended was Rs. 484.

Southern Division of Kánara.

116. The disease reported to have attacked the casuarina trees in the Kásarkod plantation has not spread, although some trees slightly affected before have died during the year.

117. The Divisional Forest Officer reports that "the expert opinion from Dehra has not helped us to discover the nature of the disease which remains as much a mystery as before."

118. Seeds of different kinds were collected and sown broadcast by forest guards, but those that had sprouted are said to have died during the hot

weather. In the Honávar range 25 acres were planted with teak seedlings that had germinated in, and were then transplanted from, the forests; and 1,515 seedlings are thriving.

119. The amount expended was Rs. 57.

Belgaum.

120. Here, the experiment of sowing seeds with hoe-picks made in the previous year, and repeated in that under report, is reported to have failed.

121. A regular plantation of 6 acres was made in Deshnur, Sampgaon range, and the *nim* and mango plants put down therein are coming on very well. At Hemadgé, Khánápur range, 300 acres were fenced in, and sown with seeds of various kinds, and it is reported that a fair percentage of plants was noticeable.

122. The expenditure incurred was Rs. 47.

Dhárwár and Bijápur.

123. No planting was done in these divisions, the season being unusually dry. In Bijápur drought killed off the seedlings which previously existed at Hosur and Manglur; and 68 maunds of seed were sown broad-cast. In Dhárwár a few sowings were made with the pick-hoe.

124. The expenditure amounted in Dhárwár to Rs. 270, and in Bijápur to Rs. 52.

Kolába-Ratnágiri.

125. Fifty-four acres 30 gunthás in the Karjat and Khálápur ranges of the Kolába division were sown with sandalwood and other seeds, in pits and broad-cast.

126. In Ratnágiri 24,777 seedlings were transplanted from the Dápoli nursery, and about 6 maunds of seed sown broad-cast.

127. The amount expended was Rs. 128.

COMMUNICATIONS AND BUILDINGS.

128. A sum of Rs. 6,809 was expended on works under this head: Rs. 2,660 on "Roads and Bridges," Rs. 2,990 on "Buildings" and Rs. 1,159 on other works.

129. In the Northern Division of Kánara the Bhágwati-Poteli forest road as well as other forest cart-tracks were repaired at a cost of Rs. 458, and Rs. 25 were spent on the Haliyál Depôt road. A well was sunk at Madnalli (Rs. 250), and Rs. 60 were expended in repairing bridges and a timber slide in Kárwár.

130. Forest buildings were repaired at a cost of Rs. 255.

131. In the Central Division of Kánara Rs. 250 were paid towards repairing Hittal-Kárgadde-Mágod road. The Kannigeri-Udámki road was put in repair (Rs. 393), and three new watch-houses built for Rs. 800. Rs. 914 were spent in repairing forest buildings, rest-houses, watch-houses, &c., of the division, and Rs. 300 in sinking a well in Mundgod.

132. In the Southern Division of Kánara a well was sunk near the Singanhalli Timber Depôt,—the need of this well had been much felt in the past—at a cost of Rs. 300, and Rs. 26 were laid out on repairing forest tracks. Rs. 275 were also spent in repairing forest watch-houses, &c.

133. In Belgaum a sum of Rs. 1,403 was expended on the Nágargáli-Halshi road, and Rs. 382 was paid to the Revenue Department for exemption from toll fees on fuel carts passing by the Gunji Local Fund road. A forest watch-house was newly built for Rs. 300 and old buildings put in repair (Rs. 223).

134. In Dhárwár the Devikop rest-house and all náka houses were repaired at a cost of Rs. 229.

135. In Kolába Rs. 588 were spent under this head, and in Ratnágiri the Bánd road was repaired (Rs. 29), and a new guard-house built for Rs. 74.

CHAPTER IV.

YIELD AND WORKING.

136. There was no change in the mode of working from that reported in previous years.